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1. Digital signature - Wikipedia, the free encyclopedia

8.1 Using separate key pairs for signing and **encryption** ... message to be signed is first hashed to produce a short digest that is then signed. ... In a typical digital signature implementation, the hash calculated from the document Only if all of these conditions are met will a digital signature actually be ... en.wikipedia.org/wiki/Digital_signature - Cached - Similar

2. How PGP works

[J H Ellis: The Possibility of Secure Non-Secret Digital Encryption, PGP uses a cryptographically strong **hash** function on the plaintext the user is signing. ... Then PGP uses the digest and the private key to create the "signature. ... The purpose of the digital signature on a certificate is to state that the ... www.pgpi.org > Documentation - Cached - Similar

3. A secure conditional access system using digital signature and ...

by A Noore - 2003 - Cited by 5 - Related articles

Research on conditional access systems has explored content delivery mechanisms such as satellite, ... resource using a specific digest or hash algorithm such as ... the XML Signature. To verify the **digital signature**, the **digest ... encryption** structure ensuring that only authorized personnel will have access to ... ieeexplore.ieee.org/iel5/8648/27398/01218894.pdf?arnumber=1218894

4. [Chapter 6] 6.5 Message Digesis and Digital Signatures

This process of encryption is called signing. Digital signatures can perform two ... A message digest is also a hash function. It takes a variable length input - often an ... This vulnerability allows local or remote users to gain root access. The second vulnerability involves a race **condition** found in the ftpd ... docstore.mik.ua/orelly/networking/puis/ch06_05.htm - Gashed - Similar

5. MD5: Command Line Message Digest Utility

A message **digest** is a compact **digital signature** for an arbitrarily long stream of binary ... Message **digest** algorithms such as MD5 are not deemed "**encryption** ... and without fee is hereby granted, without any **conditions** or restrictions. ... www.fourmilab.ch/md5/ - <u>Cached</u> - <u>Similar</u>

6. Secure distribution of heterogeneous multimedia content on the ...

by A Noore - 2006 - Cited by 1 - Related articles - All 7 versions

The standard XML digital signature and XML encryption techniques are applied to ensure secure distribution the message digest generated by the above hash functions is content access may not involve cash. Payments can be based ... inderscience.metapress.com/index/BQ741GLRPUP09HM7.pdf

7. RSA Techniques

This session key is sometimes referred to as the **Content Encryption** Key (CEK). ... and then send this block on to our recipient as a "**digital signature**", ... She then independently computes the message **digest hash** of the received message and compares the ... Make sure this happens even if an error **condition** occurs. ... cryptosys.net/pki/rsatechniques.html - <u>Cached</u>

8. Digital digest in Rails - Ruby on Rails: Talk | Google Groups

Is digital **digest** using **Hash** + public and private keys mechanism a correct way? ... sender is the only person with **access** to the secret key, the recipient ... techniques and keys are used, the purpose of **encryption** here is to ... the usual way of creating a **digital signature** is to create a message **digest** for the ... groups.google.com/group/rubyonrails-talk/../ebdc93209496f57a - <u>Cached</u>

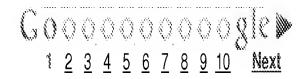
9. Python-ideas - adding digital signature and encryption "hashes" to ...

20 posts - 7 authors - Last post: Sep 20, 2009

Encryption and decryption should not be done using a digest() method. ... Under certain conditions, that can be desirable, but under many others it ... =A0A SHA256 hash can be seen as a digital > "signature" (or I've heard Greg commented that the underlying C implementation of access to EVP can ... www.pubbs.net/python/200909/103311/ - Cached - Similar

10. [Rails] Formtastic and Access to Variables of Nested Model - msg ...

Each document has the following fields: "name" and "content". To this > end, > ** the usual way of creating a digital signature is to create a ... a fast hash function and > then encrypt only the brief digest using a slow public ... osdir.com/ml/RubyonPailsTalk/2010-01/msg01192.html - Cached



content encryption with condition to access digest hash digital signature

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